

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: HALO

Report Number: P938636

Luminaire Tested: SMX6RLSFSD2W-900LM-2700K

Issue Date: 1/9/2025

Test Information

Test Method: LM-79-2019
Report Number: P938636
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (A2405958-01A001)
Test Lab:
Issue Date: 1/9/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: HALO
Catalog Number: SMX6RLSFSD2W-900LM-2700K
Description: 6IN ROUND, 90CRI, DIMMING TO 10%, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 2700K CCT
Ballast/Driver: -

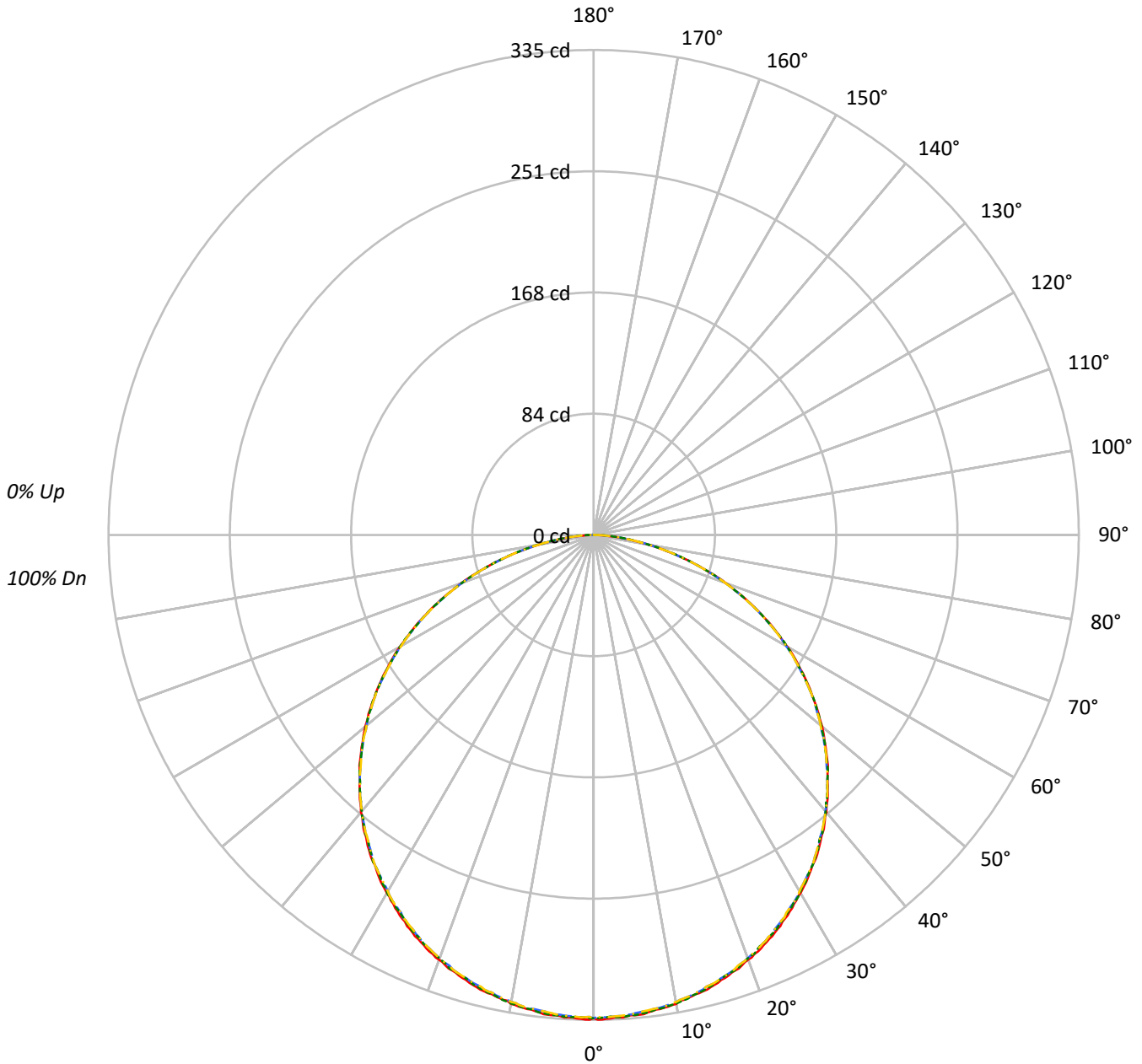
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 978.3 lumens
Efficiency: N/A
Efficacy: 103.0 lumens/watt
Spacing Criteria (0/90/45): 1.27 / 1.27 / 1.39
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 9.5
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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CATALOG NUMBER: SMX6RLSFS2W-900LM-2700K

Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			
1	109	104	99	95	106	101	98	94	97	94	91	93	91	88	90	88	86	83			
2	99	90	83	77	96	88	82	77	85	79	75	81	77	73	78	75	71	69			
3	90	79	71	64	87	77	70	64	74	68	62	72	66	61	69	64	60	58			
4	82	70	61	54	80	69	60	54	66	59	53	64	57	52	61	56	52	49			
5	75	62	53	46	73	61	53	46	59	51	46	57	50	45	55	49	45	43			
6	70	56	47	40	68	55	47	40	53	46	40	52	45	40	50	44	39	37			
7	64	51	42	36	63	50	42	36	48	41	35	47	40	35	46	39	35	33			
8	60	46	38	32	58	46	37	32	44	37	31	43	36	31	42	36	31	29			
9	56	42	34	29	55	42	34	28	41	33	28	40	33	28	39	32	28	26			
10	52	39	31	26	51	39	31	26	38	31	26	37	30	26	36	30	25	24			

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	18304	18304	18304	18304
5°	18325	18314	18325	18314
10°	18314	18292	18314	18292
15°	18269	18246	18269	18246
20°	18219	18161	18219	18161
25°	18170	18134	18170	18134
30°	18079	18053	18079	18053
35°	18016	17942	18016	17942
40°	17905	17833	17905	17833
45°	17723	17723	17723	17723
50°	17560	17500	17560	17500
55°	17299	17251	17299	17251
60°	16939	16918	16939	16918
65°	16344	16344	16344	16344
70°	15547	15483	15547	15483
75°	14191	14212	14191	14212
80°	12123	12249	12123	12249
85°	8932	9875	8932	9875

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°
 Vertical Angle: 89.5°
 Luminance: 25756 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	31.6	3.2
10°-20°	90.6	9.3
20°-30°	138.1	14.1
30°-40°	167.8	17.2
40°-50°	175.9	18.0
50°-60°	161.1	16.5
60°-70°	124.3	12.7
70°-80°	70.8	7.2
80°-90°	18.1	1.9
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	260.3	26.6
0°-40°	428.1	43.8
0°-60°	765.2	78.2
0°-90°	978.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	978.3	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	334	334	334	334	334	
5°	333	333	333	333	333	32
15°	322	322	322	322	322	91
25°	300	300	300	300	300	138
35°	269	268	269	268	269	168
45°	229	229	229	229	229	176
55°	181	180	181	180	181	162
65°	126	126	126	126	126	125
75°	67	67	67	67	67	71
85°	14	16	14	16	14	17
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
0°	333.9	333.9	333.9	333.9	333.9	333.9	333.9	333.9	333.9	333.9	333.9
0.5°	334.9	333.7	333.0	334.0	333.9	334.0	333.0	333.7	334.9	333.7	333.0
1°	334.8	333.5	333.1	333.6	333.6	333.6	333.1	333.5	334.8	333.5	333.1
1.5°	334.4	333.6	333.5	333.8	333.5	333.8	333.5	333.6	334.4	333.6	333.5
2°	334.3	333.7	333.1	333.7	333.0	333.7	333.1	333.7	334.3	333.7	333.1
2.5°	333.7	333.3	332.8	333.9	333.5	333.9	332.8	333.3	333.7	333.3	332.8
3°	333.7	333.3	332.9	333.5	333.5	333.5	332.9	333.3	333.7	333.3	332.9
3.5°	334.0	333.0	332.6	333.1	333.3	333.1	332.6	333.0	334.0	333.0	332.6
4°	333.1	333.0	332.3	332.8	333.1	332.8	332.3	333.0	333.1	333.0	332.3
4.5°	332.8	332.5	332.2	332.6	332.8	332.6	332.2	332.5	332.8	332.5	332.2
5°	333.0	332.2	331.5	332.4	332.8	332.4	331.5	332.2	333.0	332.2	331.5
5.5°	333.0	331.9	331.2	332.2	332.6	332.2	331.2	331.9	333.0	331.9	331.2
6°	332.8	331.5	330.9	331.8	332.1	331.8	330.9	331.5	332.8	331.5	330.9
6.5°	331.9	331.3	330.5	331.1	332.0	331.1	330.5	331.3	331.9	331.3	330.5
7°	331.4	331.2	330.2	330.9	331.3	330.9	330.2	331.2	331.4	331.2	330.2
7.5°	330.8	330.9	330.0	330.4	330.5	330.4	330.0	330.9	330.8	330.9	330.0
8°	330.7	330.3	329.8	329.8	330.3	329.8	329.8	330.3	330.7	330.3	329.8
8.5°	330.2	329.8	329.3	329.5	330.2	329.5	329.3	329.8	330.2	329.8	329.3
9°	329.9	329.3	328.8	328.9	329.5	328.9	328.8	329.3	329.9	329.3	328.8
9.5°	329.3	328.8	327.8	328.5	329.0	328.5	327.8	328.8	329.3	328.8	327.8
10°	329.0	328.3	327.6	328.3	328.6	328.3	327.6	328.3	329.0	328.3	327.6
10.5°	327.3	327.6	326.7	327.4	327.9	327.4	326.7	327.6	327.3	327.6	326.7
11°	327.2	326.9	326.2	327.0	327.4	327.0	326.2	326.9	327.2	326.9	326.2
11.5°	326.5	326.7	325.7	326.2	326.9	326.2	325.7	326.7	326.5	326.7	325.7
12°	325.9	325.9	325.1	325.8	325.5	325.8	325.1	325.9	325.9	325.9	325.1
12.5°	325.0	325.3	323.9	324.7	324.9	324.7	323.9	325.3	325.0	325.3	323.9
13°	324.8	324.5	323.7	324.3	324.4	324.3	323.7	324.5	324.8	324.5	323.7
13.5°	324.1	324.1	323.0	323.7	323.8	323.7	323.0	324.1	324.1	324.1	323.0
14°	323.8	322.7	321.6	322.7	322.9	322.7	321.6	322.7	323.8	322.7	321.6
14.5°	322.7	322.2	321.1	322.1	322.2	322.1	321.1	322.2	322.7	322.2	321.1
15°	321.9	320.9	320.6	321.6	321.5	321.6	320.6	320.9	321.9	320.9	320.6
15.5°	321.1	320.0	319.7	320.6	320.0	320.6	319.7	320.0	321.1	320.0	319.7
16°	319.8	319.1	318.7	319.6	319.0	319.6	318.7	319.1	319.8	319.1	318.7
16.5°	319.3	318.3	318.0	318.5	318.0	318.5	318.0	318.3	319.3	318.3	318.0
17°	318.4	317.5	317.2	317.3	317.4	317.3	317.2	317.5	318.4	317.5	317.2
17.5°	317.0	316.6	316.4	316.6	316.6	316.6	316.4	316.6	317.0	316.6	316.4
18°	316.4	315.8	315.4	315.7	316.2	315.7	315.4	315.8	316.4	315.8	315.4
18.5°	315.9	314.5	313.8	314.6	315.2	314.6	313.8	314.5	315.9	314.5	313.8
19°	314.4	314.0	313.1	313.8	313.4	313.8	313.1	314.0	314.4	314.0	313.1
19.5°	313.0	312.6	312.2	312.9	312.5	312.9	312.2	312.6	313.0	312.6	312.2
20°	312.3	311.4	311.2	311.5	311.3	311.5	311.2	311.4	312.3	311.4	311.2
20.5°	311.7	310.2	310.0	310.4	310.3	310.4	310.0	310.2	311.7	310.2	310.0
21°	310.0	309.1	308.9	309.3	309.8	309.3	308.9	309.1	310.0	309.1	308.9



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
22.5°	306.6	306.1	305.4	306.3	306.1	306.3	305.4	306.1	306.6	306.1	305.4
23°	305.5	304.4	304.4	304.8	304.4	304.8	304.4	304.4	305.5	304.4	304.4
23.5°	304.2	303.5	302.8	303.5	303.3	303.5	302.8	303.5	304.2	303.5	302.8
24°	303.4	302.3	301.8	302.2	302.1	302.2	301.8	302.3	303.4	302.3	301.8
24.5°	301.8	301.4	300.1	300.7	301.2	300.7	300.1	301.4	301.8	301.4	300.1
25°	300.4	299.6	298.8	299.2	299.8	299.2	298.8	299.6	300.4	299.6	298.8
25.5°	299.5	298.6	297.6	298.0	298.1	298.0	297.6	298.6	299.5	298.6	297.6
26°	297.3	296.9	296.2	296.6	296.7	296.6	296.2	296.9	297.3	296.9	296.2
26.5°	296.2	295.7	295.3	295.2	295.0	295.2	295.3	295.7	296.2	295.7	295.3
27°	294.9	293.9	293.0	293.7	293.8	293.7	293.0	293.9	294.9	293.9	293.0
27.5°	293.2	292.1	291.8	292.7	292.3	292.7	291.8	292.1	293.2	292.1	291.8
28°	292.0	291.3	290.4	291.5	291.1	291.5	290.4	291.3	292.0	291.3	290.4
28.5°	290.0	289.9	289.3	289.4	289.2	289.4	289.3	289.9	290.0	289.9	289.3
29°	288.7	288.5	287.8	288.2	288.3	288.2	287.8	288.5	288.7	288.5	287.8
29.5°	286.8	286.8	286.2	286.9	287.1	286.9	286.2	286.8	286.8	286.8	286.2
30°	285.6	285.6	284.3	285.4	285.2	285.4	284.3	285.6	285.6	285.6	284.3
30.5°	284.1	283.7	282.6	283.9	283.3	283.9	282.6	283.7	284.1	283.7	282.6
31°	282.6	282.1	281.1	281.9	282.0	281.9	281.1	282.1	282.6	282.1	281.1
31.5°	281.1	280.3	279.5	280.5	280.5	280.5	279.5	280.3	281.1	280.3	279.5
32°	279.3	278.6	278.1	278.5	278.4	278.5	278.1	278.6	279.3	278.6	278.1
32.5°	277.5	277.2	276.5	276.8	276.7	276.8	276.5	277.2	277.5	277.2	276.5
33°	275.7	275.6	275.1	275.2	275.0	275.2	275.1	275.6	275.7	275.6	275.1
33.5°	273.7	273.7	273.7	273.4	273.8	273.4	273.7	273.7	273.7	273.7	273.7
34°	272.4	271.8	271.7	271.8	272.3	271.8	271.7	271.8	272.4	271.8	271.7
34.5°	271.0	269.9	269.7	270.3	270.2	270.3	269.7	269.9	271.0	269.9	269.7
35°	269.2	268.0	268.0	268.3	268.1	268.3	268.0	268.0	269.2	268.0	268.0
35.5°	267.2	266.2	265.9	266.2	266.9	266.2	265.9	266.2	267.2	266.2	265.9
36°	265.4	264.8	264.2	264.3	264.3	264.3	264.2	264.8	265.4	264.8	264.2
36.5°	263.3	262.6	262.2	262.8	262.2	262.8	262.2	262.6	263.3	262.6	262.2
37°	261.3	260.8	260.3	260.8	260.7	260.8	260.3	260.8	261.3	260.8	260.3
37.5°	259.6	259.0	258.9	258.6	259.4	258.6	258.9	259.0	259.6	259.0	258.9
38°	258.0	256.9	256.8	256.7	257.2	256.7	256.8	256.9	258.0	256.9	256.8
38.5°	255.9	255.5	254.9	255.2	255.2	255.2	254.9	255.5	255.9	255.5	254.9
39°	253.6	253.3	253.0	253.1	252.7	253.1	253.0	253.3	253.6	253.3	253.0
39.5°	251.3	251.4	251.1	251.1	251.4	251.1	251.1	251.4	251.3	251.4	251.1
40°	250.2	249.3	249.0	249.1	249.2	249.1	249.0	249.3	250.2	249.3	249.0
40.5°	247.6	247.2	247.2	246.9	247.2	246.9	247.2	247.2	247.6	247.2	247.2
41°	245.5	245.2	245.1	245.0	244.6	245.0	245.1	245.2	245.5	245.2	245.1
41.5°	243.8	243.2	243.1	242.9	243.2	242.9	243.1	243.2	243.8	243.2	243.1
42°	241.7	241.1	241.1	240.7	240.7	240.7	241.1	241.1	241.7	241.1	241.1
42.5°	239.3	238.9	239.0	238.8	238.9	238.8	239.0	238.9	239.3	238.9	239.0
43°	237.1	236.5	236.6	236.7	236.6	236.7	236.6	236.5	237.1	236.5	236.6
43.5°	234.7	234.2	234.5	234.7	234.3	234.7	234.5	234.2	234.7	234.2	234.5



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	228.6	228.2	227.7	227.9	228.6	227.9	227.7	228.2	228.6	228.2	227.7
45.5°	226.8	225.9	225.3	225.9	226.1	225.9	225.3	225.9	226.8	225.9	225.3
46°	224.3	223.8	223.2	223.7	223.8	223.7	223.2	223.8	224.3	223.8	223.2
46.5°	221.9	221.6	221.3	221.6	221.4	221.6	221.3	221.6	221.9	221.6	221.3
47°	219.6	219.1	219.0	219.1	218.8	219.1	219.0	219.1	219.6	219.1	219.0
47.5°	217.4	216.9	216.6	216.6	216.8	216.6	216.6	216.9	217.4	216.9	216.6
48°	214.8	214.8	214.2	214.8	214.8	214.8	214.2	214.8	214.8	214.8	214.2
48.5°	212.6	212.4	212.2	212.3	212.3	212.3	212.2	212.4	212.6	212.4	212.2
49°	210.5	210.0	209.4	210.0	209.7	210.0	209.4	210.0	210.5	210.0	209.4
49.5°	208.2	207.7	206.8	207.8	207.3	207.8	206.8	207.7	208.2	207.7	206.8
50°	205.9	205.3	204.6	205.3	205.2	205.3	204.6	205.3	205.9	205.3	204.6
50.5°	203.3	202.9	202.4	202.7	202.8	202.7	202.4	202.9	203.3	202.9	202.4
51°	200.7	200.4	200.0	200.2	200.7	200.2	200.0	200.4	200.7	200.4	200.0
51.5°	198.6	197.9	197.4	197.8	198.0	197.8	197.4	197.9	198.6	197.9	197.4
52°	196.0	195.3	195.0	195.3	195.5	195.3	195.0	195.3	196.0	195.3	195.0
52.5°	193.4	193.0	192.7	193.0	193.4	193.0	192.7	193.0	193.4	193.0	192.7
53°	190.9	190.4	190.2	190.6	191.1	190.6	190.2	190.4	190.9	190.4	190.2
53.5°	188.2	187.9	188.0	188.1	188.4	188.1	188.0	187.9	188.2	187.9	188.0
54°	185.9	185.4	185.5	185.5	185.7	185.5	185.5	185.4	185.9	185.4	185.5
54.5°	183.5	182.9	182.9	182.9	183.1	182.9	182.9	182.9	183.5	182.9	182.9
55°	181.0	180.5	180.2	180.3	180.5	180.3	180.2	180.5	181.0	180.5	180.2
55.5°	178.4	177.7	177.6	177.5	178.0	177.5	177.6	177.7	178.4	177.7	177.6
56°	175.8	175.2	174.9	175.0	175.5	175.0	174.9	175.2	175.8	175.2	174.9
56.5°	173.3	172.6	172.3	172.4	173.0	172.4	172.3	172.6	173.3	172.6	172.3
57°	170.4	169.9	169.7	170.0	170.0	170.0	169.7	169.9	170.4	169.9	169.7
57.5°	167.9	167.2	167.0	167.4	167.4	167.4	167.0	167.2	167.9	167.2	167.0
58°	165.3	164.7	164.4	164.9	164.8	164.9	164.4	164.7	165.3	164.7	164.4
58.5°	162.7	162.0	161.8	162.3	162.3	162.3	161.8	162.0	162.7	162.0	161.8
59°	160.1	159.4	159.2	159.6	159.5	159.6	159.2	159.4	160.1	159.4	159.2
59.5°	157.3	156.6	156.5	156.7	157.0	156.7	156.5	156.6	157.3	156.6	156.5
60°	154.5	154.0	153.6	153.9	154.3	153.9	153.6	154.0	154.5	154.0	153.6
60.5°	151.4	151.3	150.9	151.1	151.7	151.1	150.9	151.3	151.4	151.3	150.9
61°	148.7	148.6	148.2	148.2	149.0	148.2	148.2	148.6	148.7	148.6	148.2
61.5°	146.0	145.6	145.4	145.5	146.0	145.5	145.4	145.6	146.0	145.6	145.4
62°	143.3	143.0	142.6	142.7	143.2	142.7	142.6	143.0	143.3	143.0	142.6
62.5°	140.4	140.1	139.8	139.9	140.1	139.9	139.8	140.1	140.4	140.1	139.8
63°	137.7	137.3	136.9	137.4	137.2	137.4	136.9	137.3	137.7	137.3	136.9
63.5°	134.8	134.3	134.1	134.5	134.5	134.5	134.1	134.3	134.8	134.3	134.1
64°	131.5	131.7	131.4	131.7	131.7	131.7	131.4	131.7	131.5	131.7	131.4
64.5°	128.7	128.7	128.5	128.8	128.9	128.8	128.5	128.7	128.7	128.7	128.5
65°	126.0	125.6	125.7	125.9	126.0	125.9	125.7	125.6	126.0	125.6	125.7
65.5°	123.3	122.8	122.8	123.0	123.1	123.0	122.8	122.8	123.3	122.8	122.8
66°	120.5	120.2	119.8	120.0	120.2	120.0	119.8	120.2	120.5	120.2	119.8



TEST NUMBER: P938636
 CATALOG NUMBER: SMX6RLSFS2W-900LM-2700K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	111.6	111.1	111.1	111.4	111.2	111.4	111.1	111.1	111.6	111.1	111.1
68°	108.6	108.3	108.2	108.4	108.3	108.4	108.2	108.3	108.6	108.3	108.2
68.5°	105.7	105.5	105.2	105.5	105.3	105.5	105.2	105.5	105.7	105.5	105.2
69°	102.5	102.5	102.3	102.3	102.5	102.3	102.3	102.5	102.5	102.5	102.3
69.5°	99.8	99.6	99.3	99.5	99.6	99.5	99.3	99.6	99.8	99.6	99.3
70°	97.0	96.7	96.3	96.5	96.6	96.5	96.3	96.7	97.0	96.7	96.3
70.5°	94.2	93.6	93.4	93.7	93.7	93.7	93.4	93.6	94.2	93.6	93.4
71°	91.1	90.7	90.4	90.7	90.7	90.7	90.4	90.7	91.1	90.7	90.4
71.5°	87.9	87.6	87.5	87.8	87.7	87.8	87.5	87.6	87.9	87.6	87.5
72°	85.0	84.6	84.6	84.9	84.7	84.9	84.6	84.6	85.0	84.6	84.6
72.5°	81.9	81.6	81.6	81.9	81.9	81.9	81.6	81.6	81.9	81.6	81.6
73°	78.7	78.5	78.5	78.9	78.9	78.9	78.5	78.5	78.7	78.5	78.5
73.5°	75.7	75.8	75.6	75.9	75.8	75.9	75.6	75.8	75.7	75.8	75.6
74°	72.7	72.8	72.6	72.9	73.0	72.9	72.6	72.8	72.7	72.8	72.6
74.5°	70.0	69.7	69.7	70.0	70.0	70.0	69.7	69.7	70.0	69.7	69.7
75°	67.0	66.7	66.7	66.9	67.1	66.9	66.7	66.7	67.0	66.7	66.7
75.5°	63.9	63.9	63.7	64.1	64.0	64.1	63.7	63.9	63.9	63.9	63.7
76°	60.9	60.9	60.9	61.1	61.3	61.1	60.9	60.9	60.9	60.9	60.9
76.5°	58.0	58.0	58.0	58.3	58.3	58.3	58.0	58.0	58.0	58.0	58.0
77°	55.1	55.0	55.1	55.4	55.5	55.4	55.1	55.0	55.1	55.0	55.1
77.5°	52.3	52.1	52.2	52.7	52.7	52.7	52.2	52.1	52.3	52.1	52.2
78°	49.5	49.4	49.5	49.9	50.1	49.9	49.5	49.4	49.5	49.4	49.5
78.5°	46.7	46.6	46.7	46.9	47.1	46.9	46.7	46.6	46.7	46.6	46.7
79°	43.9	43.8	44.0	44.2	44.3	44.2	44.0	43.8	43.9	43.8	44.0
79.5°	41.1	41.0	41.2	41.4	41.5	41.4	41.2	41.0	41.1	41.0	41.2
80°	38.4	38.4	38.5	38.7	38.8	38.7	38.5	38.4	38.4	38.4	38.5
80.5°	35.7	35.7	35.8	36.0	36.0	36.0	35.8	35.7	35.7	35.7	35.8
81°	33.1	33.1	33.2	33.4	33.4	33.4	33.2	33.1	33.1	33.1	33.2
81.5°	30.5	30.4	30.6	30.9	31.1	30.9	30.6	30.4	30.5	30.4	30.6
82°	27.8	27.9	28.1	28.5	28.6	28.5	28.1	27.9	27.8	27.9	28.1
82.5°	25.2	25.4	25.7	26.2	26.2	26.2	25.7	25.4	25.2	25.4	25.7
83°	22.8	23.0	23.3	23.8	24.0	23.8	23.3	23.0	22.8	23.0	23.3
83.5°	20.3	20.6	21.1	21.6	21.9	21.6	21.1	20.6	20.3	20.6	21.1
84°	18.2	18.4	18.9	19.4	19.7	19.4	18.9	18.4	18.2	18.4	18.9
84.5°	16.3	16.2	16.8	17.3	17.7	17.3	16.8	16.2	16.3	16.2	16.8
85°	14.2	14.3	14.7	15.3	15.7	15.3	14.7	14.3	14.2	14.3	14.7
85.5°	12.1	12.3	12.8	13.4	13.9	13.4	12.8	12.3	12.1	12.3	12.8
86°	10.3	10.5	11.1	11.7	12.3	11.7	11.1	10.5	10.3	10.5	11.1
86.5°	8.7	8.8	9.5	10.1	10.7	10.1	9.5	8.8	8.7	8.8	9.5
87°	7.0	7.3	8.0	8.8	9.3	8.8	8.0	7.3	7.0	7.3	8.0
87.5°	5.6	6.0	6.7	7.4	8.1	7.4	6.7	6.0	5.6	6.0	6.7
88°	4.5	4.8	5.5	6.2	6.9	6.2	5.5	4.8	4.5	4.8	5.5
88.5°	3.4	3.6	4.4	5.3	5.9	5.3	4.4	3.6	3.4	3.6	4.4



TEST NUMBER: P938636
CATALOG NUMBER: SMX6RLSFSD2W-900LM-2700K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P938636

CATALOG NUMBER: SMX6RLSFSD2W-900LM-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	333.9	333.9	333.9	333.9	333.9	333.9
0.5°	334.0	333.9	334.0	333.0	333.7	334.9
1°	333.6	333.6	333.6	333.1	333.5	334.8
1.5°	333.8	333.5	333.8	333.5	333.6	334.4
2°	333.7	333.0	333.7	333.1	333.7	334.3
2.5°	333.9	333.5	333.9	332.8	333.3	333.7
3°	333.5	333.5	333.5	332.9	333.3	333.7
3.5°	333.1	333.3	333.1	332.6	333.0	334.0
4°	332.8	333.1	332.8	332.3	333.0	333.1
4.5°	332.6	332.8	332.6	332.2	332.5	332.8
5°	332.4	332.8	332.4	331.5	332.2	333.0
5.5°	332.2	332.6	332.2	331.2	331.9	333.0
6°	331.8	332.1	331.8	330.9	331.5	332.8
6.5°	331.1	332.0	331.1	330.5	331.3	331.9
7°	330.9	331.3	330.9	330.2	331.2	331.4
7.5°	330.4	330.5	330.4	330.0	330.9	330.8
8°	329.8	330.3	329.8	329.8	330.3	330.7
8.5°	329.5	330.2	329.5	329.3	329.8	330.2
9°	328.9	329.5	328.9	328.8	329.3	329.9
9.5°	328.5	329.0	328.5	327.8	328.8	329.3
10°	328.3	328.6	328.3	327.6	328.3	329.0
10.5°	327.4	327.9	327.4	326.7	327.6	327.3
11°	327.0	327.4	327.0	326.2	326.9	327.2
11.5°	326.2	326.9	326.2	325.7	326.7	326.5
12°	325.8	325.5	325.8	325.1	325.9	325.9
12.5°	324.7	324.9	324.7	323.9	325.3	325.0
13°	324.3	324.4	324.3	323.7	324.5	324.8
13.5°	323.7	323.8	323.7	323.0	324.1	324.1
14°	322.7	322.9	322.7	321.6	322.7	323.8
14.5°	322.1	322.2	322.1	321.1	322.2	322.7
15°	321.6	321.5	321.6	320.6	320.9	321.9
15.5°	320.6	320.0	320.6	319.7	320.0	321.1
16°	319.6	319.0	319.6	318.7	319.1	319.8
16.5°	318.5	318.0	318.5	318.0	318.3	319.3
17°	317.3	317.4	317.3	317.2	317.5	318.4
17.5°	316.6	316.6	316.6	316.4	316.6	317.0
18°	315.7	316.2	315.7	315.4	315.8	316.4
18.5°	314.6	315.2	314.6	313.8	314.5	315.9
19°	313.8	313.4	313.8	313.1	314.0	314.4
19.5°	312.9	312.5	312.9	312.2	312.6	313.0
20°	311.5	311.3	311.5	311.2	311.4	312.3
20.5°	310.4	310.3	310.4	310.0	310.2	311.7
21°	309.3	309.8	309.3	308.9	309.1	310.0



TEST NUMBER: P938636

CATALOG NUMBER: SMX6RLSFSD2W-900LM-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	306.3	306.1	306.3	305.4	306.1	306.6
23°	304.8	304.4	304.8	304.4	304.4	305.5
23.5°	303.5	303.3	303.5	302.8	303.5	304.2
24°	302.2	302.1	302.2	301.8	302.3	303.4
24.5°	300.7	301.2	300.7	300.1	301.4	301.8
25°	299.2	299.8	299.2	298.8	299.6	300.4
25.5°	298.0	298.1	298.0	297.6	298.6	299.5
26°	296.6	296.7	296.6	296.2	296.9	297.3
26.5°	295.2	295.0	295.2	295.3	295.7	296.2
27°	293.7	293.8	293.7	293.0	293.9	294.9
27.5°	292.7	292.3	292.7	291.8	292.1	293.2
28°	291.5	291.1	291.5	290.4	291.3	292.0
28.5°	289.4	289.2	289.4	289.3	289.9	290.0
29°	288.2	288.3	288.2	287.8	288.5	288.7
29.5°	286.9	287.1	286.9	286.2	286.8	286.8
30°	285.4	285.2	285.4	284.3	285.6	285.6
30.5°	283.9	283.3	283.9	282.6	283.7	284.1
31°	281.9	282.0	281.9	281.1	282.1	282.6
31.5°	280.5	280.5	280.5	279.5	280.3	281.1
32°	278.5	278.4	278.5	278.1	278.6	279.3
32.5°	276.8	276.7	276.8	276.5	277.2	277.5
33°	275.2	275.0	275.2	275.1	275.6	275.7
33.5°	273.4	273.8	273.4	273.7	273.7	273.7
34°	271.8	272.3	271.8	271.7	271.8	272.4
34.5°	270.3	270.2	270.3	269.7	269.9	271.0
35°	268.3	268.1	268.3	268.0	268.0	269.2
35.5°	266.2	266.9	266.2	265.9	266.2	267.2
36°	264.3	264.3	264.3	264.2	264.8	265.4
36.5°	262.8	262.2	262.8	262.2	262.6	263.3
37°	260.8	260.7	260.8	260.3	260.8	261.3
37.5°	258.6	259.4	258.6	258.9	259.0	259.6
38°	256.7	257.2	256.7	256.8	256.9	258.0
38.5°	255.2	255.2	255.2	254.9	255.5	255.9
39°	253.1	252.7	253.1	253.0	253.3	253.6
39.5°	251.1	251.4	251.1	251.1	251.4	251.3
40°	249.1	249.2	249.1	249.0	249.3	250.2
40.5°	246.9	247.2	246.9	247.2	247.2	247.6
41°	245.0	244.6	245.0	245.1	245.2	245.5
41.5°	242.9	243.2	242.9	243.1	243.2	243.8
42°	240.7	240.7	240.7	241.1	241.1	241.7
42.5°	238.8	238.9	238.8	239.0	238.9	239.3
43°	236.7	236.6	236.7	236.6	236.5	237.1
43.5°	234.7	234.3	234.7	234.5	234.2	234.7



TEST NUMBER: P938636
 CATALOG NUMBER: SMX6RLSFSD2W-900LM-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	227.9	228.6	227.9	227.7	228.2	228.6
45.5°	225.9	226.1	225.9	225.3	225.9	226.8
46°	223.7	223.8	223.7	223.2	223.8	224.3
46.5°	221.6	221.4	221.6	221.3	221.6	221.9
47°	219.1	218.8	219.1	219.0	219.1	219.6
47.5°	216.6	216.8	216.6	216.6	216.9	217.4
48°	214.8	214.8	214.8	214.2	214.8	214.8
48.5°	212.3	212.3	212.3	212.2	212.4	212.6
49°	210.0	209.7	210.0	209.4	210.0	210.5
49.5°	207.8	207.3	207.8	206.8	207.7	208.2
50°	205.3	205.2	205.3	204.6	205.3	205.9
50.5°	202.7	202.8	202.7	202.4	202.9	203.3
51°	200.2	200.7	200.2	200.0	200.4	200.7
51.5°	197.8	198.0	197.8	197.4	197.9	198.6
52°	195.3	195.5	195.3	195.0	195.3	196.0
52.5°	193.0	193.4	193.0	192.7	193.0	193.4
53°	190.6	191.1	190.6	190.2	190.4	190.9
53.5°	188.1	188.4	188.1	188.0	187.9	188.2
54°	185.5	185.7	185.5	185.5	185.4	185.9
54.5°	182.9	183.1	182.9	182.9	182.9	183.5
55°	180.3	180.5	180.3	180.2	180.5	181.0
55.5°	177.5	178.0	177.5	177.6	177.7	178.4
56°	175.0	175.5	175.0	174.9	175.2	175.8
56.5°	172.4	173.0	172.4	172.3	172.6	173.3
57°	170.0	170.0	170.0	169.7	169.9	170.4
57.5°	167.4	167.4	167.4	167.0	167.2	167.9
58°	164.9	164.8	164.9	164.4	164.7	165.3
58.5°	162.3	162.3	162.3	161.8	162.0	162.7
59°	159.6	159.5	159.6	159.2	159.4	160.1
59.5°	156.7	157.0	156.7	156.5	156.6	157.3
60°	153.9	154.3	153.9	153.6	154.0	154.5
60.5°	151.1	151.7	151.1	150.9	151.3	151.4
61°	148.2	149.0	148.2	148.2	148.6	148.7
61.5°	145.5	146.0	145.5	145.4	145.6	146.0
62°	142.7	143.2	142.7	142.6	143.0	143.3
62.5°	139.9	140.1	139.9	139.8	140.1	140.4
63°	137.4	137.2	137.4	136.9	137.3	137.7
63.5°	134.5	134.5	134.5	134.1	134.3	134.8
64°	131.7	131.7	131.7	131.4	131.7	131.5
64.5°	128.8	128.9	128.8	128.5	128.7	128.7
65°	125.9	126.0	125.9	125.7	125.6	126.0
65.5°	123.0	123.1	123.0	122.8	122.8	123.3
66°	120.0	120.2	120.0	119.8	120.2	120.5



TEST NUMBER: P938636

CATALOG NUMBER: SMX6RLSFSD2W-900LM-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	111.4	111.2	111.4	111.1	111.1	111.6
68°	108.4	108.3	108.4	108.2	108.3	108.6
68.5°	105.5	105.3	105.5	105.2	105.5	105.7
69°	102.3	102.5	102.3	102.3	102.5	102.5
69.5°	99.5	99.6	99.5	99.3	99.6	99.8
70°	96.5	96.6	96.5	96.3	96.7	97.0
70.5°	93.7	93.7	93.7	93.4	93.6	94.2
71°	90.7	90.7	90.7	90.4	90.7	91.1
71.5°	87.8	87.7	87.8	87.5	87.6	87.9
72°	84.9	84.7	84.9	84.6	84.6	85.0
72.5°	81.9	81.9	81.9	81.6	81.6	81.9
73°	78.9	78.9	78.9	78.5	78.5	78.7
73.5°	75.9	75.8	75.9	75.6	75.8	75.7
74°	72.9	73.0	72.9	72.6	72.8	72.7
74.5°	70.0	70.0	70.0	69.7	69.7	70.0
75°	66.9	67.1	66.9	66.7	66.7	67.0
75.5°	64.1	64.0	64.1	63.7	63.9	63.9
76°	61.1	61.3	61.1	60.9	60.9	60.9
76.5°	58.3	58.3	58.3	58.0	58.0	58.0
77°	55.4	55.5	55.4	55.1	55.0	55.1
77.5°	52.7	52.7	52.7	52.2	52.1	52.3
78°	49.9	50.1	49.9	49.5	49.4	49.5
78.5°	46.9	47.1	46.9	46.7	46.6	46.7
79°	44.2	44.3	44.2	44.0	43.8	43.9
79.5°	41.4	41.5	41.4	41.2	41.0	41.1
80°	38.7	38.8	38.7	38.5	38.4	38.4
80.5°	36.0	36.0	36.0	35.8	35.7	35.7
81°	33.4	33.4	33.4	33.2	33.1	33.1
81.5°	30.9	31.1	30.9	30.6	30.4	30.5
82°	28.5	28.6	28.5	28.1	27.9	27.8
82.5°	26.2	26.2	26.2	25.7	25.4	25.2
83°	23.8	24.0	23.8	23.3	23.0	22.8
83.5°	21.6	21.9	21.6	21.1	20.6	20.3
84°	19.4	19.7	19.4	18.9	18.4	18.2
84.5°	17.3	17.7	17.3	16.8	16.2	16.3
85°	15.3	15.7	15.3	14.7	14.3	14.2
85.5°	13.4	13.9	13.4	12.8	12.3	12.1
86°	11.7	12.3	11.7	11.1	10.5	10.3
86.5°	10.1	10.7	10.1	9.5	8.8	8.7
87°	8.8	9.3	8.8	8.0	7.3	7.0
87.5°	7.4	8.1	7.4	6.7	6.0	5.6
88°	6.2	6.9	6.2	5.5	4.8	4.5
88.5°	5.3	5.9	5.3	4.4	3.6	3.4



TEST NUMBER: P938636
CATALOG NUMBER: SMX6RLSFSD2W-900LM-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
90°	0.0	0.0	0.0	0.0	0.0	0.0

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Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



Report Generated By 670245859 / DESKTOP-T8S5UU9

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— 0°-180° - - 45°-225° - - - - 90°-270° - · - · 135°-315°

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21.5°	309.3	308.3	307.7	308.5	307.9	308.5	307.7	308.3	309.3	308.3	307.7
22°	308.3	307.0	306.8	307.2	306.5	307.2	306.8	307.0	308.3	307.0	306.8



44°	232.6	232.4	232.4	232.4	232.6	232.4	232.4	232.4	232.6	232.4	232.4
44.5°	230.5	230.3	230.1	230.3	230.7	230.3	230.1	230.3	230.5	230.3	230.1



66.5°	117.4	117.2	116.9	117.1	117.2	117.1	116.9	117.2	117.4	117.2	116.9
67°	114.6	114.1	114.0	114.2	114.1	114.2	114.0	114.1	114.6	114.1	114.0



89°	2.5	2.8	3.6	4.3	4.9	4.3	3.6	2.8	2.5	2.8	3.6
89.5°	1.8	2.1	2.7	3.5	4.1	3.5	2.7	2.1	1.8	2.1	2.7

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21.5°	308.5	307.9	308.5	307.7	308.3	309.3
22°	307.2	306.5	307.2	306.8	307.0	308.3



44°	232.4	232.6	232.4	232.4	232.4	232.6
44.5°	230.3	230.7	230.3	230.1	230.3	230.5



66.5°	117.1	117.2	117.1	116.9	117.2	117.4
67°	114.2	114.1	114.2	114.0	114.1	114.6



89°	4.3	4.9	4.3	3.6	2.8	2.5
89.5°	3.5	4.1	3.5	2.7	2.1	1.8

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(END OF REPORT)